



COMMERCIAL
BUILDING &
RETROFIT, INC.

CBR-1TF

POLYPROPYLENE/SCRIM/CORE/METALLIZED POLYESTER

Meets ASTM C1136, Type I, II, III, IV

Facing Composition	Description	Values (English)	Values (Metric)
White Film	Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-directional	5 / Inch (MD)	20 / 100 mm (MD)
	Fiberglass/Polyester	5 / Inch (XD)	20 / 100 mm (XD)
Core	Proprietary	30lbs / 3000 ft sq	49 gm / m sq
Adhesive	Polymeric		
Film	Metallized Polyester	0.005 inch	12.7 micron
PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	32 lbs / 1000 Ft sq	156 gm / m sq
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr ft (sq) in Hg)	1.15 ng / N s
Bursting Strength	ASTM D774	120 psi	8.4 kg / cm sq
Puncture Resistance	ASTM C1136	125 beach units	3.7 Joules
Tensile Strength	ASTM C1136	65 lbs/inch width (MD) 60 lbs/inch width (XD)	11.4 kn / m (MD) 10.5 kn / M (XD)
Caliper / Thickness	Micrometer	0.010 inch	254 micron
Accelerated Aging	30 days @ 95% RH, 120 F (49 C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40 F (-40 c)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240 F (116 c)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 Hours @ 73 F (23 c)	No Delamination	No Delamination
Mold Resistance	ASTM C665 / C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Light Reflectance	ASTM C523	85%	85%
FIRE TESTING	UL-723 / ASTM E84	CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread
			Smoke Developed
Polypropylene Exposed	5	30	5
Polyester Exposed	5	20	5

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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